

1 Chatham County 19-06  
2004

19062004

Permit No. 19-06

Central Files  
Chatham Co.  
Composting Files



634 Christian Chapel Church Rd.  
New Hill, NC 27562  
TEL: 919-362-1161  
FAX: 919-362-1141  
[www.mcgillcompost.com](http://www.mcgillcompost.com)

January 21, 2004

Mr. Mark Poindexter  
Branch Head  
Solid Waste Section – Field Operations Branch  
Division of Waste Management  
NC DENR  
1646 Mail Service Center  
Raleigh, NC 27699-1646



Re: Permit No. SWC-

Dear Mr. Poindexter:

This letter is to follow-up on our November 21, 2003 letter detailing the various structural and non-structural modifications we are making to our Regional Composting Facility at Merry Oaks to address off-site odor concerns. As we mentioned in that letter, various improvements are now underway at the plant, which we expect to have completed by the end of January 2004.

We believe it is now appropriate to develop a system to provide for objective and quantifiable verification that our various odor control measures are indeed working, as well as to help residents in the area understand the wide variety and extent of odors from various sources in this section of southeastern Chatham County.

We propose two new elements in our odor management program: a more formalized odor complaint logging and tracking system, and the use of an odor panel to periodically conduct field olfactometry measurements of odors at the property lines of our composting facility.

The Odor Complaint System would consist of a simple, fill-in-the-blanks form (see attached sample) that would be provided to residents within a one-mile radius of our facility. These residents would be asked to complete the form if they detect a nuisance odor that they believe is coming from our composting facility. They would send the form to us, and we would respond to the complainant. We would correlate the date and time of the complaint against our on-site meteorological monitoring station and the location of the complainant. We believe this will assist residents in understanding the relationship between weather conditions and odor sources throughout southeastern Chatham County.

The Odor Panel would consist of McGill Environmental Systems staff, representatives from NCDENR, and representatives from Chatham County. The Panel would meet

McGill Environmental Systems of N.C., Inc.  
P.O. Box 61, Harrells, NC 28444 ■ TEL: 910-532-2539 ■ FAX: 910-532-2542

monthly for six to nine months, and sample ambient air at the property boundary to our plant using a field olfactometer device, such as The Nasal Ranger (St. Croix Sensory, Inc., Lake Elmo, MN). This device was used successfully in a similar odor panel made up of Charlotte-Mecklenburg Utility Department staff and DENR Division of Water Quality personnel from the Mooresville Regional Office.

We suggest this odor panel be headed by McGill's Chief Engineer, Mr. Craig Coker (a former Composting Specialist with NCDENR) and have several, if not all, of the following members:

Mr. Ted Lyon, Head, Composting and Land Application Branch, Solid Waste Section;  
Mr. Dennis Shackelford, Waste Management Specialist, Field Operations Branch, Fayetteville Regional Office  
Ms. Tammy Manning, Environmental Specialist, NCDENR Division of Air Quality, Raleigh Regional Office  
Ms. Angela Birchett, Chatham County Planning and Public Permits Department, Enforcement Division  
Mr. Steve Cocknan Sales Manager, McGill.

If you could suggest other NCDENR personnel who should be part of this Odor Panel, we would be pleased to have them. Once this concept is accepted by you, we will draft a more formal protocol for the Odor Panel and distribute it for review and comment.

Please be assured that McGill Environmental Systems wishes to be a good neighbor and compliant in all aspects of our solid waste composting operation. We believe the changes now underway will eliminate off-site odor impacts from our composting operation. If you have any questions, or desire any additional information, please contact me at your convenience.

Very Truly Yours,



M. Noel Lyons  
General Manager

Cc: Craig Coker  
Ted Lyons  
Dennis Shackelford  
Tammy Manning  
Angela Birchett  
Steve Cockman

19-06

North Carolina  
Department of Environment and Natural Resources  
Division of Pollution Prevention  
and Environmental Assistance



Michael F. Easley, Governor  
William G. Ross Jr., Secretary  
Gary E. Hunt, Director

January 12, 2004

## **Email Transmittal**

**To: Craig Coker, Chief Engineer, McGill Environmental Systems**

**From: Matt Todd, DPPEA**

**Re: 2004 Recycling Business Development Grant**

We are pleased to announce that your proposal for a 2004 Recycling Business Development Grant has been selected for funding. However, during a compliance review conducted by the Division of Waste Management, it was noted that McGill Environmental was issued a Notice of Violation (NOV) on December 4, 2003.

For this reason, the contract associated with your 2004 Recycling Business Development Grant will be withheld until the NOV has been properly addressed and resolved. If you need additional information regarding the problems identified with your NOV, please contact Dennis Shackelford, Waste Mgt. Specialist, Regional Representative 910-486-1541 ext 752.

Please notify me at (919) 715-6522 as soon as the deficiencies have been properly corrected and approved by the Division of Waste Management. We will verify that the situation has been corrected and immediately submit your grant contract paperwork. Please feel free to contact me with any questions you might have regarding DPPEA's grant approval process. Thanks.

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Phone: 919.715.6500 \ Fax: 919.715.6794 \ Web: [www.p2pays.org](http://www.p2pays.org)

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